

DOCUMENT RESUME

ED 404 972

HE 030 015

TITLE Enrollment Projections, 1996-2005, Maryland Public Colleges and Universities.

INSTITUTION Maryland State Higher Education Commission, Annapolis.

PUB DATE Jun 96

NOTE 65p.

PUB TYPE Statistical Data (110) -- Reports - Evaluative/Feasibility (142)

EDRS PRICE MF01/PC03 Plus Postage.

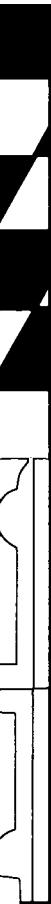
DESCRIPTORS *College Planning; Decision Making; *Educational Demand; *Enrollment Projections; Enrollment Trends; Environmental Scanning; Higher Education; Prediction; *Public Colleges; State Colleges; State Schools; State Universities; Statewide Planning; Statistical Data; Tables (Data); Two Year Colleges

IDENTIFIERS *Maryland

ABSTRACT

This report details enrollment projections for the public colleges and universities in Maryland through the year 2005. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Projections are based on the historical relationship between the state's population and past in-state enrollments, trends in the number of high school graduates, and projected distribution of students between two- and four-year institutions. Total headcount enrollment at Maryland public colleges and universities is projected to be 15 percent higher, or an increase of 34,000 students, in 2005. Enrollments are expected to grow by 17 percent (about 19,000) at the community colleges and 13 percent (15,000) at the public four-year campuses. Full-time graduate and professional enrollments are expected to increase by 16 percent and part-time students by 12 percent. Community colleges will account for 62 percent of the projected additional undergraduates during the next 10 years. Of the anticipated additional students at four-year campuses by 2005, three-fourths will be undergraduates and of these, 71 percent will be enrolled full-time. Extensive tables detail projections for each community college and four-year institution. A description of the enrollment projection methodology is appended. (JLS)

 * Reproductions supplied by EDRS are the best that can be made *
 * from the original document. *


MARYLAND HIGHER EDUCATION COMMISSION

ED 404 972

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION

CENTER (ERIC)
□ This document has been reproduced as
received from the person or organization
originating it.

□ Minor changes have been made to
improve reproduction quality.

- Points of view or opinions stated in this
document do not necessarily represent
official OERI position or policy.

ENROLLMENT PROJECTIONS

1996 - 2005

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

PERMISSION TO REPRODUCE AND
DISSEMINATE THIS MATERIAL
HAS BEEN GRANTED BY
*Maryland Higher
Education
Commission*
TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)

JUNE 1996

MARYLAND HIGHER EDUCATION COMMISSION
16 Francis St., Annapolis, MD 21401

2

3

BEST COPY AVAILABLE

MARYLAND HIGHER EDUCATION COMMISSION

Edward O. Clarke, Jr., Chairman

The Honorable J. Glenn Beall, Jr.

Dorothy Dixon Chaney

Donna H. Cunningham

Terry L. Lierman

Osborne A. Payne

R. Kathleen Perini

Charles B. Saunders, Jr.

Terra N. Smith

Richard P. Streett, Jr.

Constance Cornell Stuart

Albert Nathaniel Whiting

Patricia S. Florestano, Ph.D.
Secretary of Higher Education

A

*This publication is available in alternate formats.
Please call (410) 974-2971 or (800) 7350-2258 (TTY/Voice).*

ENROLLMENT PROJECTIONS - MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

The Maryland Higher Education Commission has prepared enrollment projections for the public colleges and universities in the state through the year 2005. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures.

These projections provide perspective to higher education policy discussions at the state level, including facilities planning, tuition and fees issues, articulation, and funding priorities.

The Commission used separate, but similar, methodologies for projecting the enrollments at the community colleges and public four-year institutions. Both involve the application of a linear regression analysis. A test found both models, which were developed by the Commission staff, to be remarkably precise in predicting the 1995 enrollments at both the community colleges (an accuracy rate of 99.4 percent) and the public four-year campuses (99.7 percent). A description of the methodology is appended to this report.

Assumptions of the Projection Models

- Enrollments of Maryland residents can be predicted by applying the historical relationship between the state's population and past in-state enrollments to future population projections.
- The ratio of in-state to out-of-state students in Maryland will be relatively constant over time.
- The number of full-time undergraduates at both the community colleges and public four-year campuses will be affected by the trends in high school graduates.
- The number of full-time undergraduates at public four-year campuses will be influenced by trends in students enrolling at the state's community colleges.

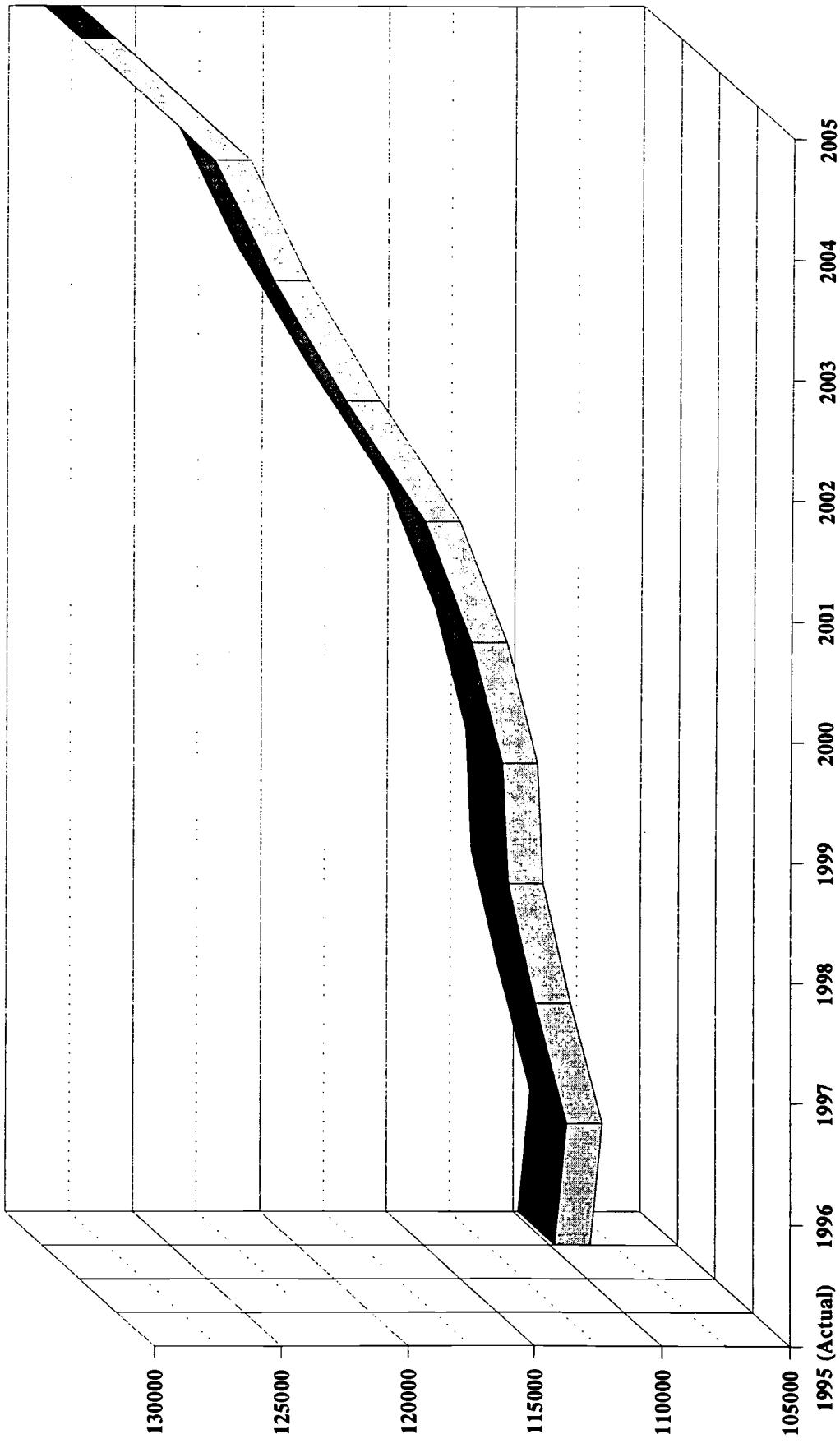
- Tuition increases will have an impact on full- and part-time community college enrollments.

Students were distributed among the two- and four-year institutions on the basis of two factors: the enrollment management policies of the governing boards and the recent market share of each institution. The first of these was primarily used to allocate students among public four-year campuses, while the second was mainly employed in assigning enrollments in the community college sector.

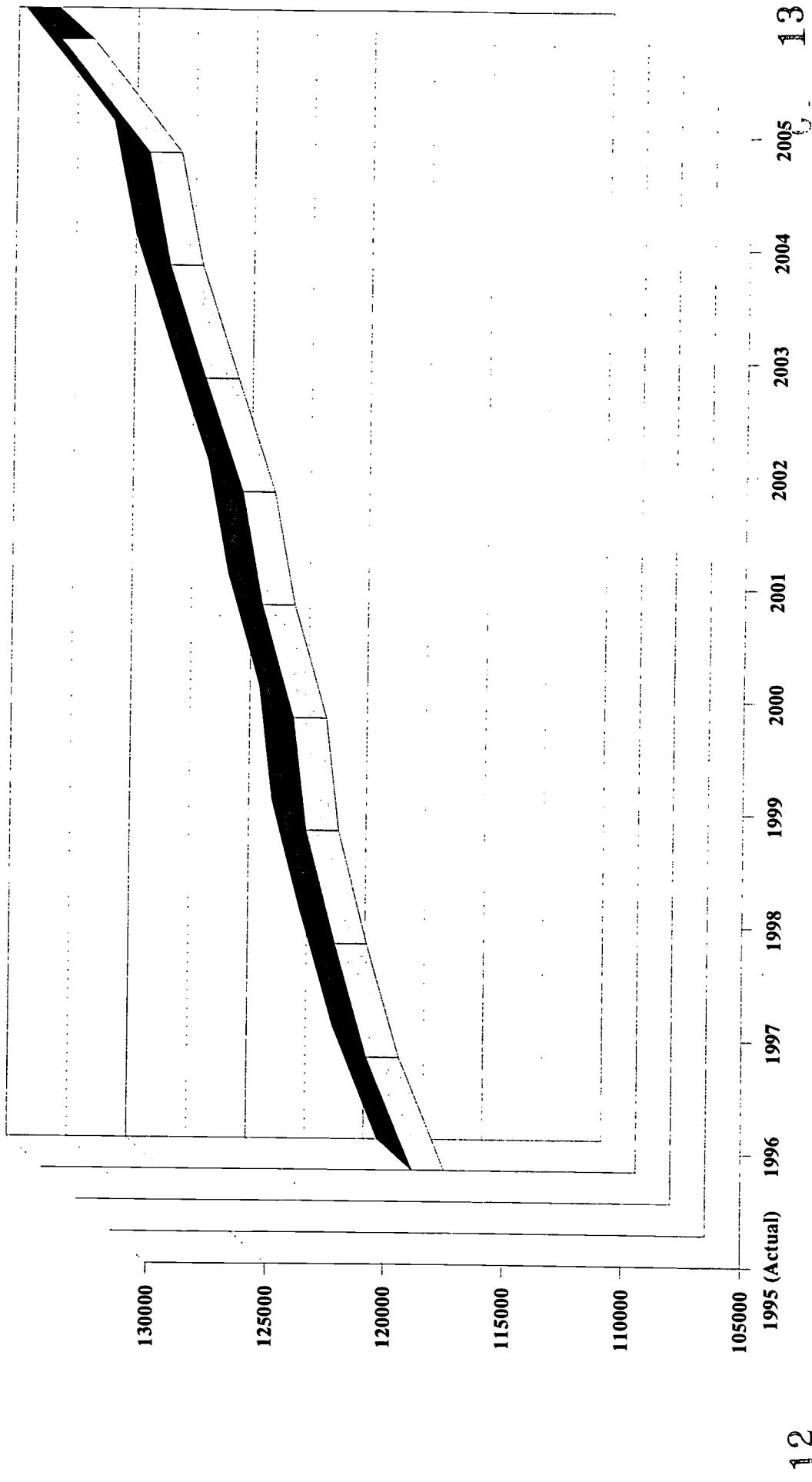
Highlights of the Enrollment Projections

- Total headcount enrollment at Maryland public colleges and universities is projected to be 15 percent higher, or by 34,000 students, in 2005. Enrollments are expected to grow by 17 percent (about 19,000) at the community colleges and 13 percent (slightly above 15,000) at the public four-year campuses.
- The number of full- and part-time undergraduates is projected to rise at about the same rate during the next 10 years: 17 percent at the community colleges and 13 percent at the public four-year institutions.
- Full-time graduate and professional enrollments are expected to increase by 16 percent by 2005 and part-time students by 12 percent.
- FTE and FTDE enrollments at the community colleges are predicted to rise by 17 percent by 2005 at the community colleges and by 12 percent at the public four-year campuses.
- Of the projected additional undergraduates at Maryland public institutions during the next 10 years, community colleges will account for 62 percent.
- Of the anticipated additional students at the public four-year campuses by 2005, three-fourths will be undergraduates. Of these new undergraduates, 71 percent will be enrolled full-time.

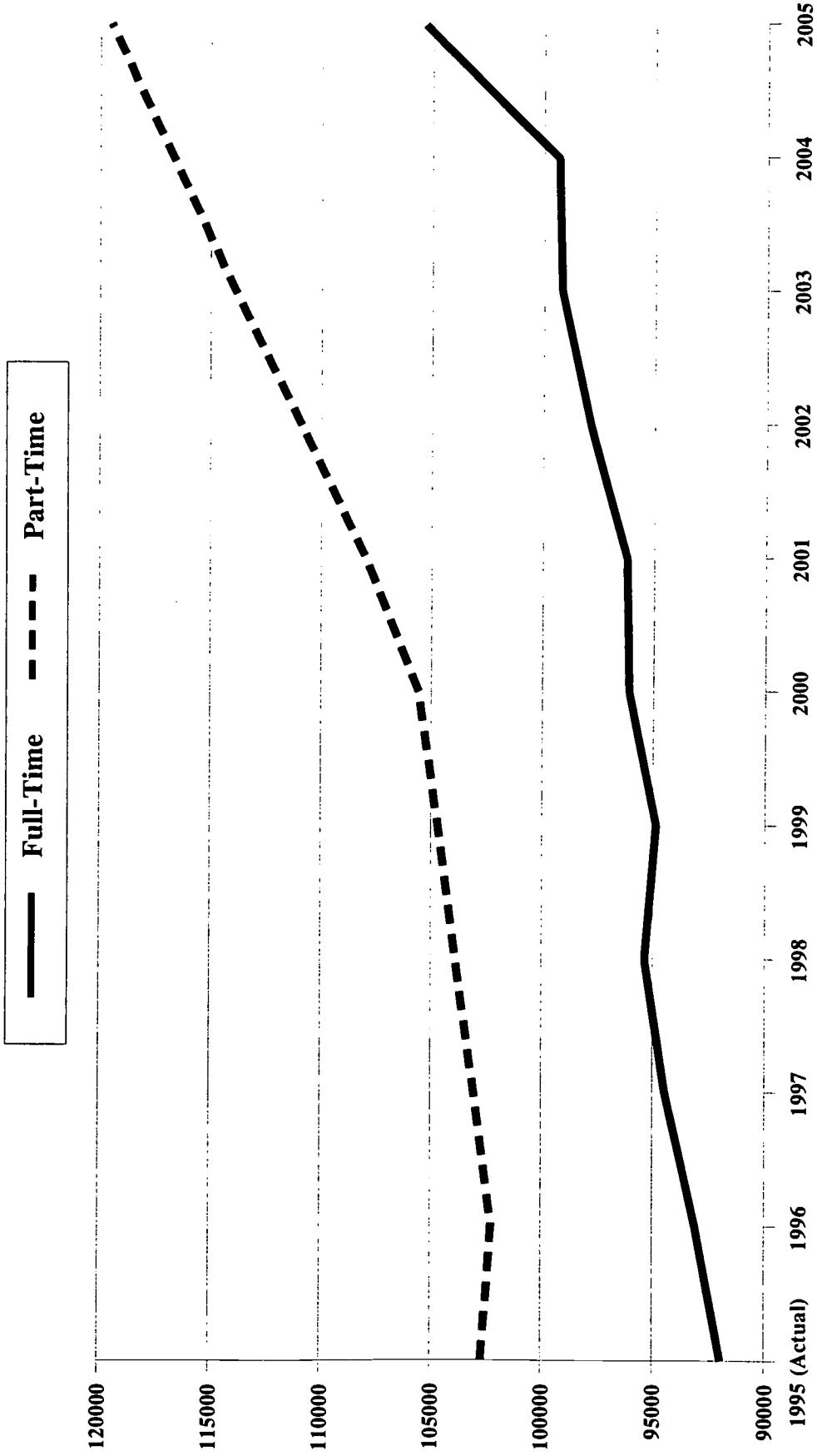
Community college enrollments in Maryland are expected to grow by 17 percent (or about 19,000 students) by 2005.



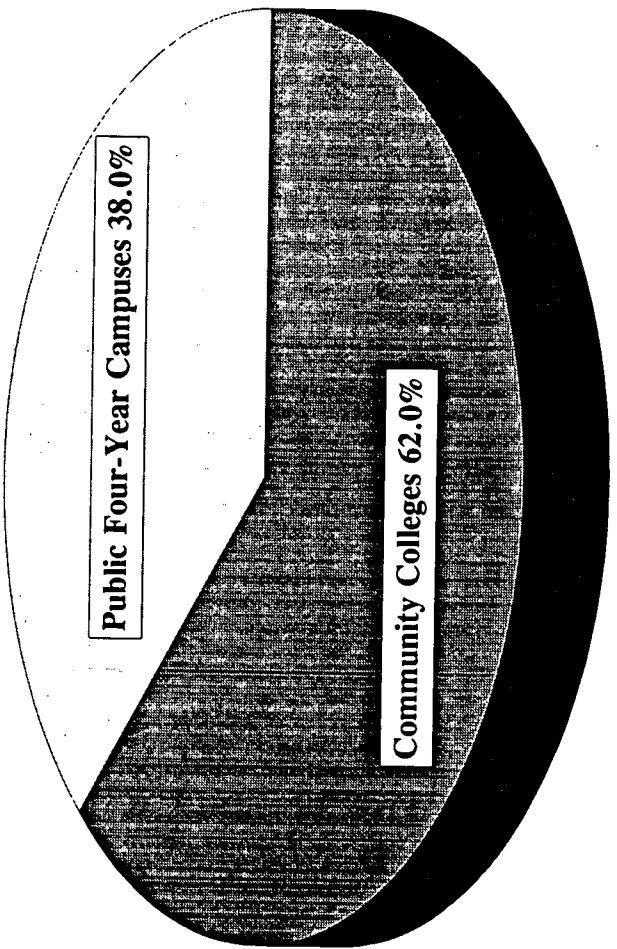
Enrollments at public four-year campuses are projected to rise by 13 percent (or slightly more than 15,000 students) by 2005.



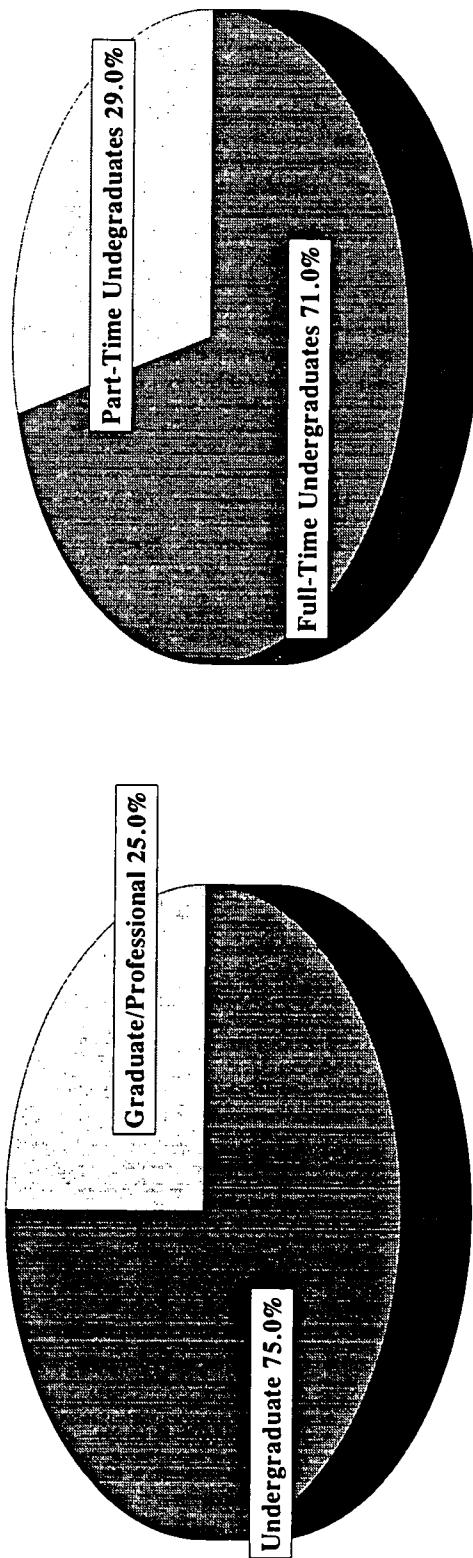
Full-time undergraduates are expected to increase by 14.6 percent at public campuses by 2005, part time undergraduates by 16.4 percent.



Community colleges will account for 62 percent of the expected new undergraduates at Maryland public campuses during the next 10 years.



Three-fourths of the anticipated new students at public four year campuses by 2005 will be undergraduates. Of these new undergraduates, 71 percent will be enrolled full-time.



20

COMMUNITY COLLEGE TABLES

21

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 95 Actual	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 95 - 05
Full-time	1,608	1,621	1,650	1,666	1,642	1,665	1,667	1,710	1,743	1,743	1,904	18%
Part-time	1,236	1,223	1,237	1,250	1,264	1,277	1,309	1,347	1,386	1,424	1,462	18%
Total	2,844	2,844	2,887	2,916	2,906	2,942	2,976	3,057	3,129	3,167	3,366	18%

Allegany College

Full-time	3,155	3,170	3,214	3,232	3,175	3,207	3,199	3,269	3,319	3,307	3,601	14%
Part-time	8,735	8,656	8,766	8,876	8,986	9,096	9,336	9,623	9,913	10,203	10,495	20%
Total	11,890	11,826	11,980	12,108	12,161	12,303	12,535	12,892	13,232	13,510	14,096	19%

Anne Arundel CC

Full-time	1,972	1,994	2,034	2,058	2,034	2,068	2,076	2,135	2,181	2,187	2,396	22%
Part-time	3,998	3,974	4,036	4,099	4,162	4,226	4,351	4,498	4,647	4,798	4,950	24%
Total	5,970	5,968	6,070	6,157	6,196	6,294	6,427	6,633	6,828	6,985	7,346	23%

Baltimore City CC

Full-time	859	866	880	888	875	886	887	909	925	925	1,010	18%
Part-time	1,642	1,623	1,640	1,657	1,673	1,690	1,730	1,779	1,828	1,877	1,926	17%
Total	2,501	2,489	2,520	2,545	2,548	2,576	2,617	2,688	2,753	2,802	2,936	17%

Carroll CC

Full-time	2,882	2,904	2,953	2,979	2,935	2,973	2,975	3,049	3,105	3,103	3,388	18%
Part-time	7,417	7,333	7,408	7,483	7,558	7,632	7,815	8,036	8,258	8,480	8,701	17%
Total	10,299	10,237	10,361	10,462	10,493	10,605	10,790	11,085	11,363	11,583	12,089	17%

22

8

23

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 95 Actual	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 95 - 05
Cecil CC												
Full-time	345	348	353	356	351	356	356	365	371	371	405	11%
Part-time	946	934	942	951	959	967	989	1,016	1,043	1,069	1,096	16%
Total	1,291	1,282	1,295	1,307	1,310	1,323	1,345	1,381	1,414	1,440	1,501	16%
Charles CC												
Full-time	1,551	1,568	1,601	1,621	1,602	1,629	1,636	1,683	1,720	1,725	1,891	22%
Part-time	4,534	4,495	4,553	4,611	4,670	4,729	4,855	5,006	5,159	5,311	5,465	21%
Total	6,085	6,063	6,154	6,232	6,272	6,358	6,491	6,689	6,879	7,036	7,356	21%
Chesapeake College												
Full-time	510	514	523	528	521	528	529	543	553	553	604	18%
Part-time	1,558	1,541	1,558	1,575	1,591	1,608	1,648	1,695	1,743	1,791	1,839	18%
Total	2,068	2,055	2,081	2,103	2,112	2,136	2,177	2,238	2,296	2,344	2,443	18%
Dundalk CC												
Full-time	592	597	607	612	603	611	611	627	638	638	697	18%
Part-time	2,611	2,579	2,602	2,626	2,649	2,673	2,734	2,808	2,883	2,957	3,031	16%
Total	3,203	3,176	3,209	3,238	3,252	3,284	3,345	3,435	3,521	3,595	3,728	16%
Essex CC												
Full-time	2,713	2,713	2,739	2,742	2,681	2,696	2,678	2,724	2,754	2,731	2,960	9%
Part-time	6,539	6,418	6,437	6,456	6,474	6,491	6,598	6,736	6,873	7,007	7,138	9%
Total	9,252	9,131	9,176	9,198	9,155	9,187	9,276	9,460	9,627	9,738	10,098	25%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 95 Actual	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 95 - 05
Frederick CC												
Full-time	1,352	1,364	1,389	1,403	1,385	1,405	1,408	1,445	1,474	1,475	1,613	19%
Part-time	3,026	2,997	3,033	3,069	3,105	3,141	3,222	3,319	3,416	3,514	3,612	19%
Total	4,378	4,361	4,422	4,472	4,490	4,546	4,630	4,764	4,890	4,989	5,225	19%
Garrett CC												
Full-time	380	383	390	393	388	393	394	404	411	411	450	18%
Part-time	342	338	342	345	349	353	361	372	382	392	403	18%
Total	722	721	732	738	737	746	755	776	793	803	853	18%
Hagerstown Jr. College												
Full-time	1,095	1,101	1,116	1,123	1,104	1,115	1,113	1,138	1,156	1,152	1,255	15%
Part-time	1,931	1,909	1,928	1,948	1,967	1,987	2,034	2,092	2,150	2,207	2,265	17%
Total	3,026	3,010	3,044	3,071	3,071	3,102	3,147	3,230	3,306	3,359	3,520	16%
Harford CC												
Full-time	1,288	1,298	1,320	1,332	1,312	1,329	1,330	1,363	1,389	1,388	1,515	18%
Part-time	3,669	3,625	3,660	3,695	3,730	3,765	3,853	3,960	4,067	4,174	4,280	17%
Total	4,957	4,923	4,980	5,027	5,042	5,094	5,183	5,323	5,456	5,562	5,795	17%
Howard CC												
Full-time	1,313	1,327	1,354	1,369	1,353	1,375	1,380	1,419	1,449	1,453	1,591	21%
Part-time	3,817	3,782	3,829	3,876	3,923	3,971	4,074	4,199	4,324	4,450	4,576	20%
Total	5,130	5,109	5,183	5,245	5,276	5,454	5,618	5,773	5,903	6,167	6,167	20%

Projections of Headcount Enrollment at Maryland Community Colleges

FALL 95 Actual	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 95 - 05
Montgomery-Rockville											
Full-time	4,424	4,468	4,502	4,518	4,412	4,425	4,410	4,543	4,606	4,603	4,995
Part-time	8,892	8,814	8,824	8,873	8,880	9,053	9,356	9,572	9,825	10,036	11,3%
Total	13,316	13,282	13,326	13,391	13,292	13,305	13,463	13,899	14,178	14,428	15,031

Montgomery-Takoma Park	Full-time	1,188	1,220	1,247	1,269	1,256	1,284	1,285	1,320	1,344	1,349	1,470	24%
Full-time	3,455	3,463	3,502	3,556	3,590	3,644	3,718	3,824	3,916	4,025	4,117	4,117	19%
Total	4,643	4,683	4,749	4,825	4,846	4,928	5,003	5,144	5,260	5,374	5,587	5,587	20%

Montgomery-Germantown	Full-time	769	801	834	866	874	932	935	943	963	970	1,060	38%
Full-time	2,744	2,774	2,834	2,910	2,976	3,099	3,172	3,231	3,318	3,420	3,506	3,506	28%
Total	3,513	3,575	3,668	3,776	3,850	4,031	4,107	4,174	4,281	4,390	4,566	4,566	30%

Prince George's CC	Full-time	2,940	2,950	2,988	3,002	2,944	2,971	2,958	3,020	3,065	3,049	3,318	13%
Full-time	9,110	8,993	9,072	9,148	9,228	9,305	9,513	9,769	10,023	10,277	10,531	10,531	16%
Total	12,050	11,943	12,060	12,150	12,172	12,276	12,471	12,789	13,088	13,326	13,849	13,849	15%

Wor-Wic CC	Full-time	352	355	361	365	360	365	366	375	383	418	19%	
Full-time	1,629	1,614	1,634	1,654	1,674	1,694	1,738	1,791	1,844	1,898	1,951	1,951	20%
Total	1,981	1,969	1,995	2,019	2,034	2,059	2,104	2,166	2,227	2,281	2,369	2,369	20%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 95 Actual	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 95 - 05
Total Community Colleges												
Full-time	31,288	31,562	32,055	32,322	31,807	32,213	32,193	32,984	33,549	33,516	36,541	117%
Part-time	77,831	77,085	77,837	78,658	79,408	80,228	82,103	84,457	86,745	89,099	91,380	117%
Total	109,119	108,647	109,892	110,980	111,215	112,441	114,296	117,441	120,294	122,615	127,921	117%

30

31

12

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 96 Projected	FALL 97 FY 98 Projected	FALL 98 FY 99 Projected	FALL 99 FY 00 Projected	FALL 00 FY 01 Projected	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	% Change 96 - 05
Allegany College											
FTES	2,008 1,245	2,042 1,266	2,062 1,278	2,043 1,266	2,070 1,283	2,082 1,291	2,137 1,325	2,183 1,353	2,195 1,361	2,367 1,468	18% 18%
FTDES											
Anne Arundel CC											
FTES	6,073 3,705	6,154 3,754	6,209 3,788	6,189 3,775	6,258 3,817	6,330 3,861	6,496 3,963	6,643 4,052	6,728 4,104	7,121 4,344	17% 17%
FTDES											
Baltimore City CC											
FTES	3,982 2,401	4,055 2,445	4,109 2,478	4,106 2,476	4,172 2,516	4,232 2,552	4,361 2,630	4,476 2,699	4,544 2,740	4,855 2,928	22% 22%
FTDES											
Carroll CC											
FTES	1,379 928	1,398 941	1,412 950	1,404 945	1,420 956	1,434 965	1,472 991	1,504 1,012	1,520 1,023	1,619 1,090	17% 17%
FTDES											
Catonsville CC											
FTES	5,439 3,209	5,515 3,254	5,566 3,284	5,547 3,273	5,611 3,310	5,675 3,348	5,825 3,437	5,957 3,515	6,030 3,558	6,395 3,773	17% 17%
FTDES											
Cecil CC											
FTES	697 432	705 437	711 441	709 440	717 445	725 449	744 461	760 471	769 477	814 505	17% 17%
FTDES											
Charles CC											
FTES	2,913 1,593	2,963 1,621	3,000 1,641	3,001 1,641	3,045 1,666	3,092 1,691	3,184 1,742	3,268 1,787	3,321 1,816	3,527 1,929	21% 21%
FTDES											
Chesapeake College											
FTES	1,028 586	1,042 594	1,053 600	1,051 599	1,064 615	1,078 632	1,108 646	1,134 656	1,150 694	1,217 694	18% 18%
FTDES											

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 96 Projected	FALL 97 Projected	FALL 98 Projected	FALL 99 Projected	FALL 00 Projected	FALL 01 Projected	FALL 02 Projected	FALL 03 Projected	FALL 04 Projected	FALL 05 Projected	% Change 96 - 05
Dundalk CC											
FTES	1,438 723	1,455 732	1,468 738	1,467 738	1,482 746	1,503 756	1,543 776	1,578 794	1,603 806	1,685 848	17% 17%
FTIDES											
Essex CC											
FTES	4,624 3,145	4,655 3,165	4,664 3,172	4,612 3,136	4,631 3,149	4,648 3,161	4,736 3,220	4,808 3,269	4,829 3,283	5,088 3,460	9% 9%
FTIDES											
Frederick CC											
FTES	2,346 1,321	2,383 1,342	2,409 1,356	2,403 1,353	2,435 1,371	2,465 1,388	2,533 1,426	2,594 1,461	2,628 1,479	2,797 1,575	19% 19%
FTIDES											
Garrett CC											
FTES	458 329	465 335	469 338	465 335	471 339	475 342	487 351	497 358	500 360	539 388	18% 18%
FTIDES											
Hagerstown Jr. College											
FTES	1,708 1,110	1,729 1,124	1,742 1,132	1,730 1,124	1,747 1,136	1,761 1,144	1,804 1,173	1,841 1,197	1,856 1,206	1,976 1,284	16% 16%
FTIDES											
Harford CC											
FTES	2,431 1,466	2,464 1,486	2,487 1,500	2,479 1,495	2,506 1,511	2,536 1,529	2,603 1,569	2,662 1,605	2,696 1,626	2,853 1,721	17% 17%
FTIDES											
Howard CC											
FTES	2,683 1,575	2,728 1,601	2,759 1,620	2,759 1,620	2,799 1,643	2,839 1,667	2,923 1,716	2,997 1,759	3,045 1,787	3,232 1,897	21% 21%
FTIDES											
Montgomery-Rockville											
FTES	7,828 5,221	7,868 5,248	7,902 5,270	7,792 5,197	7,806 5,207	7,851 5,237	8,098 5,402	8,241 5,497	8,327 5,554	8,816 5,880	13% 13%
FTIDES											
Montgomery-Takoma Park											
FTES	2,510 1,674	2,552 1,702	2,594 1,730	2,592 1,729	2,641 1,762	2,668 1,780	2,743 1,829	2,800 1,868	2,844 1,897	3,004 2,004	21% 21%
FTIDES											

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 96 FY 97 Projected	FALL 97 FY 98 Projected	FALL 98 FY 99 Projected	FALL 99 FY 00 Projected	FALL 00 FY 01 Projected	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	% Change 96 - 05 32% 32%
Montgomery-Germantown											
FTES	1,824	1,880	1,941	1,972	2,077	2,106	2,135	2,187	2,230	2,356	32%
FTDES	1,217	1,254	1,294	1,316	1,385	1,405	1,424	1,459	1,488	1,571	32%
Prince George's CC											
FTES	6,025	6,090	6,130	6,098	6,152	6,209	6,358	6,489	6,559	6,917	14%
FTDES	4,019	4,062	4,089	4,068	4,103	4,141	4,241	4,328	4,375	4,614	14%
Wor-Wic CC											
FTES	997	1,012	1,024	1,025	1,038	1,056	1,086	1,114	1,134	1,193	19%
FTDES	586	594	601	602	610	620	637	654	666	700	19%
Total Community Colleges											
FTES	58,393	59,154	59,711	59,444	60,143	60,763	62,376	63,734	64,507	68,373	17%
FTDES	36,485	36,956	37,301	37,127	37,560	37,941	38,944	39,785	40,262	42,672	17%

38

PUBLIC FOUR-YEAR CAMPUS TABLES

39

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Four-Year Public Institutions

		FALL 96 FY 97 Projected	FALL 97 FY 98 Projected	FALL 98 FY 99 Projected	FALL 99 FY 00 Projected	FALL 00 FY 01 Projected	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	% Change 96 - 05
Bowie												
FTES	3,409	3,513	3,587	3,646	3,771	3,882	4,023	4,178	4,333	4,627	36%	
FTIDES	2,022	2,083	2,127	2,162	2,236	2,302	2,386	2,477	2,570	2,744	36%	
Coppin												
FTES	2,659	2,735	2,791	2,813	2,860	2,894	2,970	3,036	3,080	3,291	24%	
FTIDES	1,737	1,786	1,822	1,837	1,868	1,890	1,939	1,982	2,011	2,149	24%	
Frostburg												
FTES	4,541	4,614	4,666	4,670	4,728	4,750	4,831	4,896	4,928	5,153	13%	
FTIDES	3,937	4,000	4,045	4,049	4,099	4,118	4,188	4,245	4,272	4,467	13%	
Salisbury												
FTES	4,868	4,895	4,907	4,865	4,879	4,861	4,886	4,896	4,870	5,024	3%	
FTIDES	3,928	3,950	3,960	3,926	3,938	3,923	3,943	3,951	3,930	4,054	3%	
Towson												
FTES	10,962	11,275	11,602	11,852	12,204	12,479	12,864	13,203	13,450	14,127	29%	
FTIDES	9,537	9,809	10,094	10,311	10,617	10,857	11,192	11,487	11,701	12,290	29%	
UB												
FTES	3,223	3,290	3,372	3,427	3,486	3,482	3,488	3,492	3,482	3,515	9%	
FTIDES	1,989	2,030	2,081	2,114	2,151	2,148	2,152	2,155	2,149	2,168	9%	
UMAB												
FTES	5,346	5,366	5,399	5,446	5,516	5,536	5,563	5,592	5,593	5,634	5%	
FTIDES	3,902	3,917	3,941	3,975	4,026	4,042	4,061	4,082	4,083	4,113	5%	

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Four-Year Public Institutions

		FALL 96 Projected	FALL 97 FY 98 Projected	FALL 98 FY 99 Projected	FALL 99 FY 00 Projected	FALL 00 FY 01 Projected	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	% Change 96 - 05
UMBC	FTES	7,877 6,538	7,950 6,599	8,096 6,720	8,172 6,782	8,243 6,841	8,256 6,853	8,324 6,909	8,382 6,957	8,387 6,961	8,667 7,194	10% 10%
UMCP	FTES	25,434 24,238	25,489 24,291	25,448 24,252	25,158 23,976	25,157 23,975	25,023 23,847	25,105 23,925	25,152 23,970	25,034 23,857	25,710 24,502	1% 1%
UMES	FTES	2,802 2,374	2,921 2,474	3,001 2,542	3,091 2,618	3,229 2,735	3,304 2,798	3,431 2,906	3,536 2,995	3,571 3,025	3,808 3,226	36% 36%
UMUC	FTES	6,998 NA	7,038 NA	7,056 NA	7,054 NA	7,077 NA	7,139 NA	7,210 NA	7,274 NA	7,328 NA	7,424 NA	6% 11%
Total UM System	FTES	78,120 60,202	79,085 60,939	79,926 61,584	80,194 61,751	81,149 62,486	81,608 62,778	82,694 63,600	83,636 64,301	84,056 64,559	86,980 66,908	11% 11%
Morgan	FTES	5,289 4,797	5,434 4,929	5,569 5,051	5,651 5,125	5,794 5,255	5,809 5,268	5,879 5,332	6,022 5,462	6,117 5,548	6,352 5,761	20% 20%
St. Mary's	FTES	1,628 1,486	1,644 1,501	1,657 1,512	1,653 1,509	1,668 1,523	1,671 1,526	1,692 1,545	1,707 1,558	1,709 1,560	1,782 1,627	9% 9%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Four-Year Public Institutions

FALL 96 FY 97 Projected	FALL 97 FY 98 Projected	FALL 98 FY 99 Projected	FALL 99 FY 00 Projected	FALL 00 FY 01 Projected	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	% Change 96 - 05
Total Four-Year Publics										
FTES	85,036	86,163	87,151	87,497	88,611	89,087	90,265	91,365	91,882	95,114
FTDES	66,485	67,369	68,148	68,385	69,264	69,572	70,477	71,321	71,668	74,296

Enrollment Projection Methodology

APPENDIX

MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Community Colleges

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public community colleges.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. Tuition increases will have an impact on full- and part-time community college enrollments.
4. The number of full-time undergraduates will be affected by trends in high school graduates.

STEPS

1. Total enrollment at Maryland's community colleges during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.
4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2005 to determine the projected enrollments of Maryland residents.

5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change over five years in the resident tuition and fees at Maryland community colleges, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of full-time students.
7. The annual percentage change over five years in the credit hour tuition and fees of residents in community college service areas, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of part-time undergraduates.
8. The annual projected change in the number of Maryland high school graduates through spring 2005 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
9. The projected number of full-time equivalent students (FTES) at each community college was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each college for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2005.
10. The projected number of full-time day equivalent students (FTDES) at each community college was calculated by multiplying the FTES enrollments for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2005.

MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Four Year Colleges and Universities

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public four-year colleges and universities.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. The number of full-time undergraduates will be affected by trends in high school graduates and the number of students enrolling at the state's community colleges.

STEPS

1. Total enrollment at Maryland's public four-year campuses during the past 10 years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time, undergraduate and graduate/professional). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the 10-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.
4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2005 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which

- actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change in the number of Maryland community college students over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates.
 7. The annual projected change in the number of Maryland high school graduates through spring 2005 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
 8. The projected number of full-time equivalent students (FTES) at each public four-year institution was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each campus for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2005.
 9. The projected number of full-time day equivalent students (FTDES) at each public four-year institution was calculated by multiplying the FTES enrollment for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2005.



U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement (OERI)
Educational Resources Information Center (ERIC)



NOTICE

REPRODUCTION BASIS



This document is covered by a signed "Reproduction Release (Blanket)" form (on file within the ERIC system), encompassing all or classes of documents from its source organization and, therefore, does not require a "Specific Document" Release form.



This document is Federally-funded, or carries its own permission to reproduce, or is otherwise in the public domain and, therefore, may be reproduced by ERIC without a signed Reproduction Release form (either "Specific Document" or "Blanket").